

(19)



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(11)

EP 1 405 603 A3

(12)

# EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
14.04.2004 Bulletin 2004/16

(51) Int Cl.7: A61B 17/16, A61F 2/46

(43) Date of publication A2:  
07.04.2004 Bulletin 2004/15

RECEIVED

(21) Application number: 04000194.3

22 APR 2004

(22) Date of filing: 26.04.2001

BARKER BRETTELL  
LONDON

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE TR

(72) Inventors:  
• Greig, Kevin  
Leesburg IN 46538 (US)  
• Zwirkoski, Paul A  
Brighton (US)  
• Mears, Dana  
Londonville New York 12211 (US)

(30) Priority: 26.04.2000 US 558044

(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
01303823.7 / 1 149 562

(74) Representative: Mays, Julie  
Barker Brettell,  
10-12 Priests Bridge  
London SW15 5JE (GB)

(71) Applicants:  
• Bristol-Myers Squibb Company  
New York, N.Y. 10154 (US)  
• Mears, Dana  
Londonville, NY 12211 (US)

## (54) Apparatus for performing a minimally invasive total hip arthroplasty

(57) A method and apparatus for performing a minimally invasive (*i.e.*, with the wound developed under an incision being substantially the same size as the incision throughout the depth of the wound) total hip arthroplasty. A rasp handle is disclosed, comprising an inser-

tion member having engagement means for selectively engaging a cable, and whereby said cable is affixable to a rasp. Also disclosed is a provisional femoral neck which may have a spring biased locking piston in a hollow cylindrical body, or which may have a guide surface which is piloted to a mate on a provisional femoral stem.

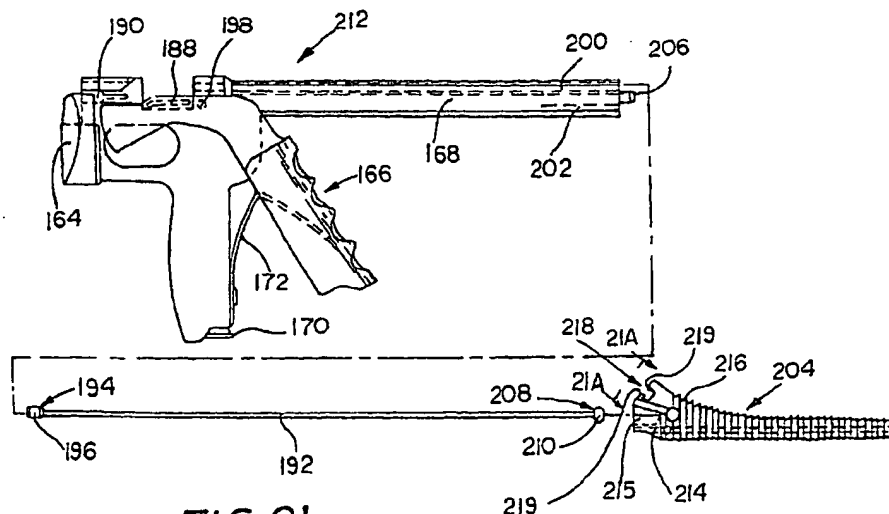


FIG. 21

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## EUROPEAN SEARCH REPORT

Application Number  
EP 04 00 0194

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	* abstract; figures 1,3,4A-D * * column 1, line 6 - line 22 * * column 2, line 20 - line 26 * * column 3, line 48 * * column 4, line 9 - line 27 * * column 5, line 9 - line 18 *	9,11,12	
X	US 5 190 550 A (G.J.MILLER AND M.LYONS) 2 March 1993 (1993-03-02)	1-8,10, 13	
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 9 February 2004	Examiner Nice, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03 02 (P04 C01)

# ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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